

CLAIMS

1. Thermoplastic composition comprising (a) an aromatic polycarbonate and/or a polyester, and (b) a mould release agent, characterised in that the composition comprises 0.01 – 3 mass% of a mould release agent that contains
 - (b1) a fatty acid ester of an aliphatic polyol having 2-6 hydroxy groups and an aliphatic C₁₀-C₃₆ carboxylic acid; and
 - (b2) a saturated alpha-olefin oligomer of at least one C₆-C₁₈ alpha-olefin; with a mass ratio of components (b1) and (b2) of from 1/9 to 9/1.
2. Thermoplastic composition according to claim 1, wherein (a) is bisphenol A polycarbonate.
3. Thermoplastic composition according to any one of claims 1-2, wherein the polyol in component (b1) has 3-4 hydroxy groups.
4. Thermoplastic composition according to any one of claims 1-3, wherein the carboxylic acid in component (b1) is a C₁₆-C₂₂ fatty acid.
5. Thermoplastic composition according to any one of claims 1-4, wherein component (b1) comprises pentaerythritol tetrastearate.
6. Thermoplastic composition according to any one of claims 1-5, wherein component (b2) has a molar mass of about 400-800 g/mol.
7. Thermoplastic composition according to any one of claims 1-6, wherein component (b2) is an oligomer of a C₈-C₁₂ poly-alpha-olefin.
8. Thermoplastic composition according to any one of claims 1-7, wherein component (b2) is an oligomer of a C₁₀ poly-alpha-olefin.
9. Thermoplastic composition according to any one of claims 1-8, wherein the mass ratio of components (b1) and (b2) is from 1/6 to 6/1.
10. Thermoplastic composition according to any one of claims 1-9, wherein the amount of mould release agent (b) is about 0.25-0.75 mass%.
11. Use of the thermoplastic composition according to any one of claims 1-10 for injection moulding of articles.
12. Moulded articles made from the thermoplastic composition according to any one of claims 1-10.